

FIGURE 1: CTLA-4 VLD-SPECIFIC OLIGONUCLEOTIDES

[illegible]

[illegible]

Figure 1 (cont'd)

[illegible]

Figure 1 (cont'd)

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CTLA-4 codon-change	5599		CC	(SEQ ID NO. 52 (cont))	
CTLA-4 codon-change	5597	66	CAGACCCCTGGATGGTCAGGTTTCACCTGGTTACCGCTGGAGGTGGCCGGTGCAGATGGAAATCATCCAG	(SEQ ID NO. 53)	
CTLA-4 codon-change	5606	57	CACCTTTGCAGATGTACAGACCGGGTATCCATGGCAGCGCAGACCCCTGGATGGTCAAGTT	(SEQ ID NO. 54)	
CTLA-4 codon-change	5607	66	CAGGCCATGACCGCATTCGTAAATAGACGATAGATGGTGGCTATCCACTTTGCAGATGTACAGACC	(SEQ ID NO. 55)	
CTLA-4 codon-change		69	CTGGGTACCGTTGGCCGATGCCAGAACCTAGCCATAGCCACCGGGTGGACAGGCCATGACCGCATTCGTA	(SEQ ID NO. 56)	
CTLA-4 codon-change		//////	////////////////////	////////////////////	////////////////////
CTLA-4 codon-change		//////	////////////////////	////////////////////	////////////////////

¹ All oligonucleotides are described 5' to 3'.

² N represents combination of the four nucleotides

Figure 1 (cont'd)

Figure 2: Polynucleotide sequence of complete cDNA encoding human CTLA-4 and polypeptide sequence of the VLD of human CTLA-4.

A. Polynucleotide Encoding Human CTLA-4 cDNA (See ID No. 57)

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ATGGCTTGCC TTGATTTC A GCGGACAG GCTCAGCTGA ACCTGGCTGC CAGGACCTGG CCTGCACATC TCCTGTTTTT... 80
TCTTCTCTTC ATCCCTGTCT TCTGCAAAAGC AATGCACGTG GCCCAGCCTG CTGTGTTACT GGCACAGACG CGAGGCATCG... 160
CCAGCTTTGT GTGTAGTAT GCATCTCCAG GCAAAGCCAC TGAGTCCGG GTGACAGTGC TTGGCAGGC TGACAGCCAG... 240
GTGACTGAAG TCTGTGGGGC AACCTACATG ACGGGGAATG AGTTGACCTT CCTAGATGAT TCCATCTGCA CGGGCACCTC... 320
CAGTGGAAAT CAAGTGACC TCACTATCCA AGGACTGAGG GCCATGACA CGGACTCTA CATCTGCAAG GTGAGCTCA... 400
TGTAACCCACC GCCATCTAC CTGGGCATAG GCAACGGAAC CCAGATTTAT GTAATTGATC CAGAACCTG CCCAGATTCT... 480
GACTTCCTCC TCTGGATCCT TGCAGCAGTT AGTTCGGGGT TGTTTTTTA TAGCTTTCTC CTCACAGCTG TTTCTTTGAG... 560
CAAAATGCTA AAGAAAGAA GCCCTCTTAC AACAGGGGTC TATGTGAAA TGCCCCCAAC AGAGCCAGAA TGTGAALAGC... 640
AATTTCAGCC TTATTTTATT CCCATCAATT GA
... 672

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B. Polypeptide Sequence of Human CTLA-4 VLD (See ID No. 58)

1	10	20	30	40	50	60	70	80
AMHVAQPAV	LASSRGIASF	VCEYASPGKA	TEVRVTVLRLQ	ADSOVTEVCA	ATYMGNEILT	FLDSDICTGT	SSGNQVNLTI	
90	100	110	115					
QGLRAMDTGL	YICKVELMYP	PPYYLGING	AQIIV					

Figure 4: Schematic representation of the somatostatin polypeptide. (568 ID No: 139)

